CHUKA   **UNIVERSITY**

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF CERTIFICATE IN DISASTER MANAGEMENT

DIMA 00233: EARLY WARNING SYSTEMS

STREAMS: CERT. DIMA Y1S2   **TIME: 2 HOURS**

DAY/DATE: WEDNESDAY 08/04/2020   **2.30 P.M. – 4.30 P.M.**

INSTRUCTIONS:
Answer question ONE and any other TWO questions.

QUESTION ONE

(a)   Explain briefly the two categories of disaster.   (4 marks)

(b)   Define the following terms: (6 marks)

      (i)   Early warning systems

      (ii)   Mitigation

      (iii)   Preparedness

(c)   Explain reasons for studying early warning systems?   (10 marks)

(d)   What are characteristics of effective early warning systems?   (5 marks)

(e)   Outline 5 normal indicators used in early warning systems.   (5 marks)

QUESTION TWO

(a)   Describe mitigation measures that can be initiated to reduce the frequent road accidents in your community.   (10 marks)

(b)   Explain 5 challenges of current early warning system?   (10 marks)

QUESTION THREE

(a)   Explain 5 roles of Mass Media in early warning systems.   (10 marks)

(b)   Discuss importance of disaster preparedness and mitigation for ensuring disaster prevention.   (10 marks)

QUESTION FOUR

(a)   The informal sector in developing countries is highly vulnerable and experience greater impact from disaster as compared to other sectors. Explain.   (10 marks)

(b)   Discuss ways of mobilizing resources for early warning.   (10 marks)

QUESTION FIVE

(a)   Kenya has been facing various terrorist attacks. The attackers have been targeting both private and public institutions. Discuss with examples negative impacts of the attacks to the Kenya's economy.   (10 marks)

(b)   List 5 institutional both private and public that can react in early warning in Kenya.
                                                                                                              (5 marks)

(c)   Most of the semiarid counties in Kenya have been facing drought cases. State 5 early warning systems for drought which are common in these areas.   (5 marks)